



DIVERSE FIRE PROTECTION SOLUTIONS WITH DESIGN – OUR WINDOWS FIRE RESISTANCE



OPTIMISED SEALING AND DRAINAGE SYSTEM

- Efficient ventilation of glazing rebates and controlled drainage of water and condensate
- Overlapping, multi-layered sealing system, designed without direct joints



PRODUCT VARIETY IN HIGH QUALITY STANDARDS

- Various fire resistant windows available
- German Design Award 2023 in the category „Excellent Product Design - Building and Elements“ for the new Glass Skylight Fire Resistance REI 90
- Visible elements of the supporting structure are with RAL coatings. In addition a visible or concealed screw connection of the ceiling strips is possible



ACTIVE ENERGY MANAGEMENT

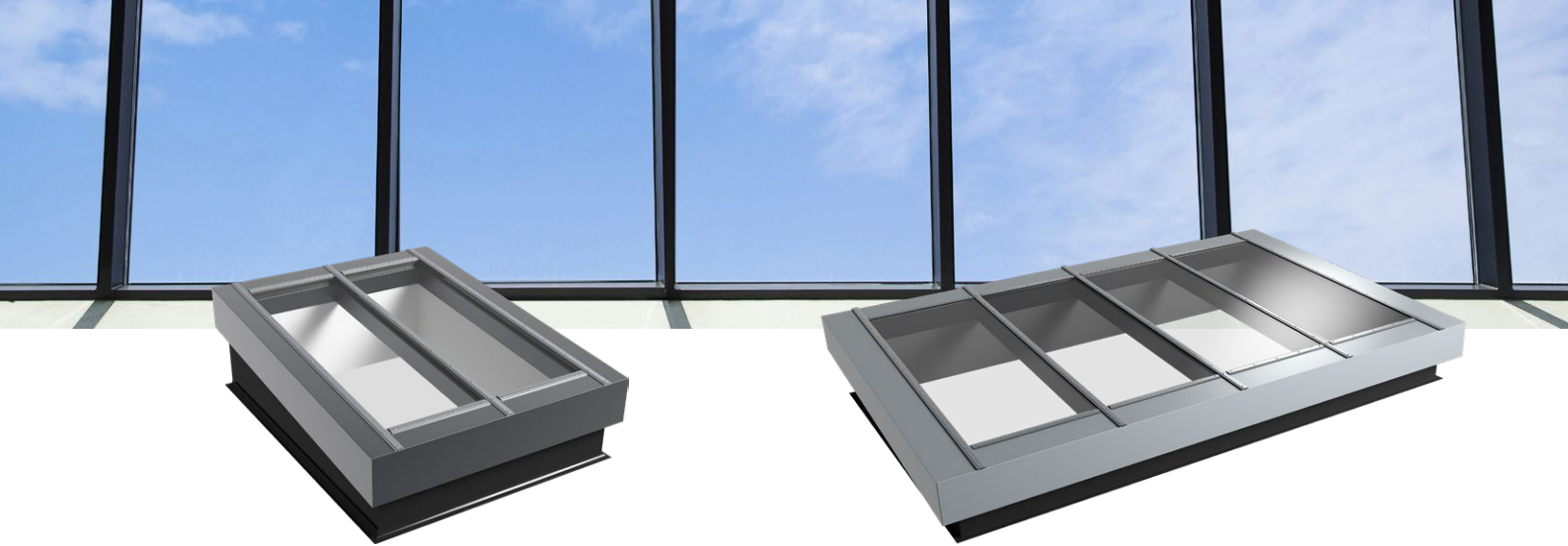
- Heat losses are reduced by special frame construction. Supplemented by optimised building energy balance through improved thermal insulation



SAFETY

- Fire resistance with the functional integrity of the complete system certified to 30 minutes / 60 minutes / 90 minutes
- Resistance to external fire exposure from flying sparks and radiating heat with classification B_{ROOF} (t1) as per DIN EN 13501-5
- Classification according to EN 13501-2 with load in case of fire





GLASS SKYLIGHT FIRE RESISTANCE REI 30/ REI 60/ REI 90

Delivered to the construction site as a factory pre-assembled element on a steel upstand. Available in the variants REI 30, REI 60 and brand new with classification REI 90 with resistance in case of fire for 30, 60 and 90 minutes.

DIMENSIONS

Glass Skylight REI 30

Maximum ceiling opening dimension 2,5 m x 2,0 m

Glass Skylight REI 60

Maximum ceiling opening dimension 2,5 m x 2,0 m

Glass Skylight REI 90

Maximum ceiling opening dimension 2,0 m x max. 1,5 m

GLAZING

Glass Skylight REI 30

3 layer insulating or sun protection glazing, U_g 0,7 W/(m²K)

Glass Skylight REI 60

2 layer insulating or sun protection glazing, U_g 1,0 – 1,1 W/(m²K)

Glass Skylight REI 90

2 layer insulating or sun protection glazing, U_g 1,0/(m²K). Winner of the German Design Award in the category „Excellent Product Design - Building and Elements“



GLASS ROOF FIRE RESISTANCE REI 30/ REI 60

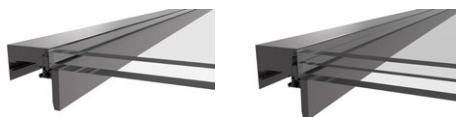
Available in longer dimensions and is assembled on site. In a slim design without extensive support elements, available in REI 30 and REI 60 versions, which provide 30 or 60 minutes fire resistance and functional integrity.

Glass Roof Fire Resistance REI 30

Dimensions max. 4m x individual length

Glass Roof Fire Resistance REI 60

Max. dimensions 2,5m x 6,3m



Glass Roof Fire Resistance REI 30

2 layer insulating or sun protection glazing, U_g 1,0 – 1,1 W/(m²K)

3 layer insulating or sun protection glazing, U_g 0,8 W/(m²K)

Glass Roof Fire Resistance REI 60

2 layer insulating or sun protection glazing, U_g 1,0 – 1,1 W/(m²K)

SCOPE

- Installation on roofs with an inclination of up to 15°
- Factory pre-assembled element on a steel upstand, 5° Inclination to installation position
- Installation in roof inclinations from 2° up to 80°
- Can be individually planned in terms of size and adapted to the conditions on site



Learn more under :
amilux.com/skylights/solutions/fire-protection/glass-roof-fire-resistance